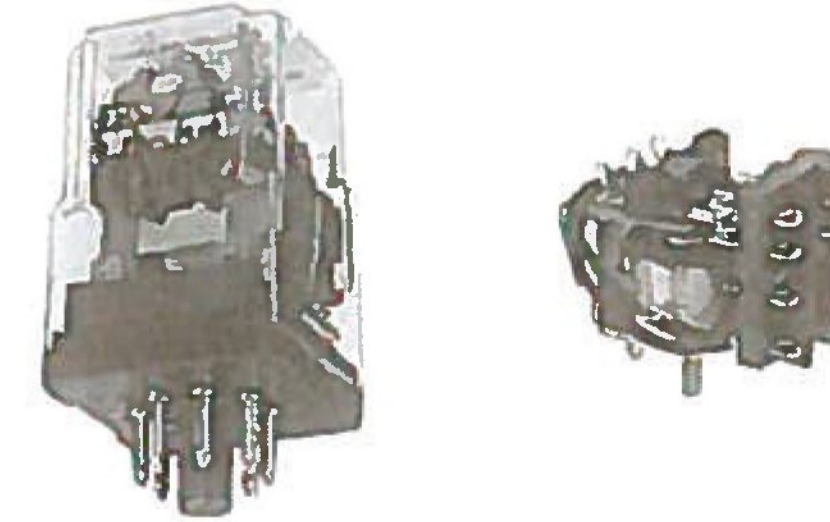


KRPA Series Panel Plug-in Relay

- 5 to 10A current capability
- Contact arrangements of 1, 2 and 3 form C (CO)
- Octal type termination for quick installation
- Indicator lamp available on certain models



Typical applications
Baggage handling, lighting, inspection equipment, marine.

Approvals
UL E22575; CSA LR15734
Technical data of approved types on request

Contact Data		
Contact arrangement	1 form C (CO), 2 form C (CO), 3 form C (CO)	
Rated voltage	240VAC	
Rated current	10A	
Contact material	Ag	AgCdO
Min. recommended contact load	100mA, 12VDC	300mA, 12VDC
Frequency of operation	360 ops./hour	360 ops./hour

Contact ratings		
Type	Load	Cycles
UL 508		
KRPA, Ag	5A, 120VAC	100x10 ³
	3A, 240VAC	100x10 ³
	1/10HP, 120VAC	1x10 ³
	1/8HP, 240VAC	1x10 ³
KRPA, AgCdO	10A, 240VAC	100x10 ³
	1/3HP, 120VAC	1x10 ³
	1/2HP, 240VAC	1x10 ³
KA, Ag	5A, 120VAC	
	3A, 240VAC	
	1/10HP, 120VAC	
	1/8HP, 240VAC	
KA, AgCdO	10A, 120VAC	
	6A, 240VAC	
	1/8HP, 120VAC	
	1/3HP, 240VAC	
Mechanical endurance		10x10 ³ ops

Coil Data	
Coil voltage range	6 to 220VDC
	6 to 240VAC
Coil insulation system according UL	Class B

Coil versions, DC coil				
Coil code	Rated voltage VDC	Operate voltage VDC	Coil resistance Ω±10%	Rated coil power W
6	6	4.5	32	1.15
12	12	9.0	120	1.2
24	24	18.0	472	1.25
48	48	36.0	1800	1.3
110	110	82.5	10000	1.2
-	220	Use 110V relay with 1.0KΩ, 5W resistor in series		

All figures are given for coil without preenergization, at ambient temperature +23°C.

Coil Data (continued)

Coil versions, AC coil				
Coil code	Rated voltage VAC	Operate voltage VAC	Coil resistance Ω±15%	Rated coil power VA
6	6	5.1	6	2.01
12	12	10.2	24	2.02
24	24	20.4	85	2.02
20	120	102.0	2250	2.1
240	240	204.0	9110	2.1

All figures are given for coil without preenergization, at ambient temperature +23°C.

Insulation Data

Initial dielectric strength		
between open contacts		1000V _{eff}
between contact and coil		1000V _{eff}
between adjacent contacts		1000V _{eff}
Initial insulation resistance		
between insulated elements	KRPA: 1000MΩ	KA: 100MΩ

Other Data

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter

Ambient temperature	
DC coil	KRPA: -45°C to 70°C KA: -45°C to 85°C
AC coil	KRPA: -45°C to 55°C KA: -45°C to 70°C

Category of environmental protection
IEC 61810 RTI - dust protected KRPA and RT0 - open style KA

Terminal type
KRPA: 8- or 11-pin octal type plug
KA: solder terminals

Weight	85g
Packaging/unit	tray/25 pcs., box/150pcs

Accessories

For details see datasheet Sockets and Accessories, KRPA Relays

Product Code	Description
27E891	Two pole DIN socket (use 20C318 clip)
27E892	Three pole DIN socket (use 20C318 clip)
27E122	Two pole track mount socket (use 20C318 clip)
27E123	Three pole track mount socket (use 20C318 clip)